



Michigan

EMERGENCY MANAGEMENT NEWS



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Michigan State Police Emergency Management Division wins Recognition Award for E Team Information Management System

A national organization of information officers and executives has recognized the state of Michigan for Outstanding Achievement in the Field of Information Technology as a result of the Michigan State Police Emergency Management Division's application of the E Team Critical Incident Management System (CIMS). The National Association of State Chief Information Officers (NASCIO) recently presented the award in New Orleans, Louisiana, to Ms. Teresa Takai, director of the Michigan Department of Information Technology. E Team was installed on computers in the State Emergency Operations Center (SEOC) and integrated with GIS to replace a paper-based information management system developed in the early 1980s.

In mid-1998, EMD examined alternate operational arrangements for the SEOC because major disasters in 1997 and 1998 had stressed the system when personnel struggled to keep pace manually with response

E Team is a web-based critical incident management system that can be accessed from anywhere – by personnel in offices or out in the field.

and recovery operations. Key SEOC functions such as disaster assessment, resource management, executive decision-making, response coordination, public information, and recovery field operations were severely hampered by the sheer volume of circulating data.



EMD Commander, Capt. John Ort receives an Outstanding Achievement Award from Teri Takai, director of the Michigan Department of Information Technology.

To address these issues, EMD contracted with Science Applications International Corporation (SAIC) to analyze SEOC operations and design, develop and implement an integrated Geographic Information System (GIS) and an enterprise-wide CIMS for the state of Michigan. The E Team web-based CIMS software application was selected as the preferred information management tool and installed on SEOC computers in conjunction with GIS

mapping software. Following a successful phase-one evaluation, EMD purchased an Enterprise Level License for the CIMS for deployment to the governor's executive office, all 20 state agencies, local emergency management programs, local police, fire and rescue services, medical facilities, other emergency responders, and critical infrastructures within Michigan. Because E Team is a web-based application, users can access the system regardless of their location. E Team enables the state to easily share disaster response and recovery information in real time with affected local response organizations both public and private, federal agencies, neighboring states, and Ontario. (Continued on page 10)

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*Comments from Capt. John Ort,
Deputy State Director of Homeland Security and
Emergency Management*

As 2004 comes to a close and we begin anew in 2005, I would like to take a moment to reflect on the past.

Since October 2001, the Emergency Management Division has seen transformation and growth in many ways, both physically and programmatically. Even prior to September 11, following the Oklahoma City bombing, the Columbine School shooting, and other events, the Michigan State Police Emergency Management Division was working with first responders and private sector partners regarding terrorism and weapons of mass destruction. These events definitely brought this work to the front burner. With this rise in visibility, there also comes an increased responsibility for both our local and state partners.

Homeland security funding has provided the opportunity to incorporate innovative programs such as the Homeland Security School Initiative, E Team Information System implementation, Defensive Operations Training, Soft Target Awareness Training and the institutionalization of Chemical, Biological, Radiological, Nuclear and Explosive (CBRNE) Awareness training programs. The state of Michigan continues to be on the cutting edge of homeland security programs and initiatives and remains a leader in the nation.

As we begin a new year with new challenges, we will continue to provide Michigan's citizens with the necessary education and resources to protect their families, homes, and communities.

In closing, I would like to wish all of you best wishes for a productive and prosperous new year.

Capt. John Ort Named To National Task Force

The Michigan State Police is pleased to announce that Capt. John Ort, deputy state director of homeland security for the Michigan State Police, is among 30 state, local and federal officials from more than 20 states to be appointed to a national task force studying the impact of terrorism on individual states.

In cooperation with The Council of State Governments (CSG), the task force is charged with developing recommendations for improving terrorism prevention and response capabilities for state and federal government.

Among other issues, the task force will explore new roles for state agencies in intelligence sharing and analysis, protection of critical infrastructure and integrating terrorism-related demands into current law

enforcement priorities. Using site visits and surveys, the task force will release a final report in spring 2005.

Ort is the National Emergency Management Association's (NEMA) representative to the task force. As commander of the State Police Emergency Management Division, he oversees Michigan's homeland security and emergency management efforts.

CSG is the nation's only organization serving every elected and appointed official in all three branches of every state government. CSG has championed excellence in state government since 1933 by advocating multi-state shared problem-solving and states' rights, by tracking national conditions, trends, and innovations, through nonpartisan, groundbreaking leadership training and support.

CBRNE Media Event Successful: Training, Exhibits and SEOC Tour Generate Publicity

On Sept. 8, the Michigan State Police Emergency Management Division (EMD) hosted a CBRNE (Chemical, Biological, Radiological, Nuclear, Explosive) Training Event for 70 media representatives and state officials. The event garnered extensive coverage on TV, radio and in newspapers.

As part of National Preparedness Month, EMD set out to provide CBRNE Awareness training to media personnel, showcase emergency protective gear, offer a venue for state agencies and relief organizations to exhibit their equipment, and inform the media about the importance of emergency preparedness and their role in covering events.



Media representatives suited up in CBRNE protective gear to experience what it would be like to cover an actual CBRNE event.

EMD officials also demonstrated E Team, a Critical Incident Management System (CIMS) software, GeoSpatial Information System (GIS) equipment and conducted a tour of the State Emergency Operations Center (SEOC) to explain the

teamwork, coordination, and resources needed to respond to a major incident such as the blackout experienced in August 2003.

“We sponsored this event to underscore the essentials of preparedness, as well as to help the news media understand hazardous response scenarios in terms of preparation, education and proper equipment,” said Col. Tadarial Sturdivant, Director of the Michigan State Police and State Director of Homeland Security and Emergency Management. “When it comes to emergency management, we rely on the news media to get essential information to the public, which means reporters must be prepared for what they might encounter at a CBRNE incident before they set foot on site to cover it.”

To encourage public awareness, EMD distributed family preparedness guides to get the word out on steps families should take before, during, and after an emergency; how to prepare an emergency supply kit; and which web sites are particularly helpful.

This training is like homeowners’ insurance – you hope you never have to use it, but it’s reassuring to know you have it if you need it,” said Insp. Kriste Etue, Assistant Commander of the Emergency Management Division. “In today’s world, it always pays to be prepared.”

“We sponsored this event to underscore the essentials of preparedness, as well as to help the news media understand hazardous response scenarios in terms of preparation, education and proper equipment.”
Col. Tadarial J. Sturdivant



Members of the Lansing Regional Response Team demonstrate the process of dry decon for media participants.

A Light Armored Vehicle provided by the Michigan Army National Guard was one of the many exhibits.



Michigan's School Grant Initiative Considered "Best Practice"

Initiative Provides Timely Incentives for Michigan Schools to Assess Preparedness

Sgt. Jerry King, Program Manager, and Colleen Mohr, Grant Analyst, Homeland Security Section

The U.S. Department of Homeland Security has called Michigan's initiative to encourage public school administrators around the state to assess their school building's state of emergency preparedness a national homeland security "best practice."

"Our children are among our most critical assets and that's why for us, homeland security begins at home," said Governor Jennifer M. Granholm. "Parents put an enormous amount of trust in the ability of teachers and administrators to care for their children while at school but unfortunately, any one of our schools could be touched by a crisis and that is why we want to be proactive in preparing for the unexpected as well as the unthinkable."

The 2003 Michigan Homeland Security Grant Program School Initiative was rolled out in October 2003 with a series of grant workshops around the state for school superintendents and community emergency responders. Each school district had the opportunity to identify specific K-12 and 0-26 special education buildings for participation, completing the following elements to be eligible for reimbursement of costs up to \$2,200 per building:

- Vulnerability Assessment – each district is required to complete a vulnerability assessment for each participating building.
- School Safety Response Plan – each school is required to update their School Safety Response Plan to include the "CBRNE" (chemical, biological, radiological, nuclear and explosive) concept.
- CBRNE Training Exercise – each school individually, working in conjunction with other buildings within their districts, or in a coordinated effort with their community, will participate in a simulated exercise to a CBRNE event.
- Post Exercise Evaluation/Needs Assessment – each district is required to complete and submit a CBRNE Post Exercise Evaluation/Needs Assessment, completed upon completion of the above elements.

Leading up to the deadline for completion of the grant requirements (December 31), recent events have provided us with some graphic incidents highlighting the need for this "best practice" for our schools.

September 1 – During a celebration marking the first day of school, more than a dozen militants, wearing suicide-bomb belts, seized a southern Russian school, taking over 900 people hostage – many of them children. When it ended three days later, over 300 were killed and hundreds were hospitalized.

October 8 – Birch Run (MI) Public Schools and five other school districts around the country were warned by federal officials that information about their buildings appeared on a computer disk found in Iraq. The incident was later found to be non-credible, but nonetheless, left its mark on teachers, students and parents statewide. Birch Run Public Schools participated in the homeland security grant opportunity and had completed the required elements several months before this incident occurred.

In recent months, two separate incidents of high school violence at Lansing Eastern and Lansing Everett high schools, perpetrated by non-students on their school campuses, caused serious injury to one student.

The good news is that Michigan school superintendents and administrators are making great strides in securing their buildings, with the assistance of local emergency managers and community emergency responders. We are pleased to announce that 94% of total school buildings are currently participating in the grant initiative.

When the grant was initially rolled out to superintendents in the fall of 2003, even in light of world events, terrorism was not high on the school security priority list. A gradual change in thinking has occurred over the past year that now has superintendents and community responders looking at their school buildings in a different light. The grant requires them to look at not only building access issues, but parking lot layouts, food preparation procedures, mail and package delivery, and access to water and heating and air conditioning systems – all prime targets for infiltrating a building and causing the most disruption.

Most school district representatives that we have talked to in the past year state that the grant initiative has been an "eye opening" experience for them and their staff, citing the discovery of security shortfalls in areas of their buildings that they had not considered critical in the past, and policies and procedures that had been previously established, but never practiced in any formalized manner.



They also indicated that interaction with local emergency managers and community emergency responders has been invaluable to them, and they look forward to continuing the partnerships they have formed to move forward with school security initiatives in the future.

Information from needs assessment worksheets indicates a need for more training in incident command, CBRNE awareness, and more "mock" disaster drills to include not only staff and students, but parents. Equipment needs focus mostly in the communications area – walkie-talkies, Nextel and room-to-room telephones, etc., as well as surveillance and door locking systems. With rising incidents of non-students gaining access to school buildings, staff and student identification systems are also being added to the wish list.

Information from the reports submitted by participating districts will be compiled and forwarded to the Office for Domestic Preparedness in hopes of using it for determining future funding levels for schools and other soft targets in Michigan.

"Parents put an enormous amount of trust in the ability of teachers and administrators to care for their children while at school, . . . we want to be proactive in preparing for the unexpected as well as the unthinkable."

Gov. Jennifer M. Granholm

Kenneth Trump, President of National School Safety and Security Services, stated in an interview with USA Today in July 2003, "Other than theme parks, where do we have kids gathering in masses in our country on a regular, consistent daily basis other than our schools?" Based on recent world events, we know that those who wish to do us harm already know that.

We encourage local emergency managers, community emergency responders, and school district personnel to continue to work together to further training and security initiatives to create the safest environments possible for our children and our communities.

Michigan Wins First Place in Digital States Survey For Use of Technology to Serve Citizens

Overcoming its rust-belt image, Michigan has captured first-place in the 2004 Digital States Survey, a study examining best practices, policies and progress made by state governments in their use of digital technologies to better serve their citizens and streamline operations. Michigan finished 11th in 2000, ninth in 2001 and second in 2002.



The survey is conducted by the Center for Digital Government (CDG) of Folsom, California, a national research and advisory institute on information technology policies and best practices in state and local government.

In March, CDG invited all state governors and their chief information officers to participate in the revised 2004 Digital States Survey. With over 60 measurements in four broad areas – service delivery, architecture and infrastructure, collaboration, and leadership – this year's survey is the first report on the transition of states to digital government since the 2002 elections.

"Information technology is one of the most powerful tools used by state governments to serve their citizens," said Cathilea Robinett, executive director of CDG. "In the hands of some incredibly talented leaders, states have advanced to an entirely new level of digital government. It is fitting now to acknowledge these digital states and the professionals behind the scenes who make it happen."

"Michigan has changed the citizen and business experience through a broad suite of real-time transactional services, powered by an increasingly shared and robust infrastructure, designed around a coherent statewide architecture, and supported by a collaborative planning process," said Paul W. Taylor, Ph.D., CDG chief strategy officer.

"We're using information technology to support and enhance the core functions of Michigan government and to position our state as a global economic powerhouse in the 21st century," said Gov. Jennifer M. Granholm. "Information technology is playing a critical role in every aspect of our work. Whether it's helping us work with local governments and the private sector to improve efficiencies or helping us create jobs through economic development initiatives, information technology is at the heart of Michigan's state government."

For more information on the 2004 Digital States Survey, contact Rhonda Wilson at 916/932-1321 or rwilson@centerdigitalgov.com.

A Mitigation Success Story for Grand Blanc Family

*Susan Cosier, Hazard Mitigation Officer, FEMA Region V,
Community Mitigation Programs Branch*

When severe storms, tornadoes, and flooding struck the lower part of the state in late May, few had any idea that it would affect tens of thousands of Michigan families and more than \$51 million in grants and low-interest loans would be provided in disaster assistance, but for one Grand Blanc family the storms and flooding had the opposite effect. They were sitting high and dry and didn't need any disaster assistance, while what used to be their home was flooded again.

Karen Minard couldn't believe her eyes when she returned to her old neighborhood near Thread Creek and discovered nine feet of water in the structure she had once called "home." In fact, she said the flooding was as bad, if not worse, than the most damaging flood her family had endured.

"I was tired of getting flooded out," Minard exclaimed. When Thread Creek would flood, homes in that area experienced sewer backup. The double threat of flooding and sewage backup led the Minard family to participate in the buyout project.

The Minards were one of five families who participated in a voluntary buyout program just seven months earlier. Four of the acquired homes were still awaiting demolition in May when flooding struck again.

In 2000 a flood inundated the city of Grand Blanc, located a short 10 miles south of Flint—severely damaging many homes and leaving roads impassible. Thread Creek spilling over its banks, together with poor drainage, caused major flooding that left homeowners helpless and city officials unable to control the rising creek. Together, they took a proactive approach to deal with the repeated flooding in their area.

A federal disaster declaration made grant money available for mitigation projects throughout the state. Grand Blanc decided to pursue a Hazard Mitigation Grant Program (HMGP) project for the acquisition of homes damaged repeatedly from flooding.

According to Randy Byrne, city manager of Grand Blanc, city officials were getting tired of repairing the same damage after every flood and thought a proposal to acquire these homes at a cost share of 75 percent federal, 25 percent non-federal match could help solve the problem.

The community submitted its proposal and the project was selected by the Michigan State Police Emergency Management Division (MSP EMD). When the Federal Emergency Management Agency (FEMA) approved funding, city officials provided homeowners specific criteria for participation that included an appraisal and offer to buy out the property at pre-flood fair market value. Five homeowners decided to be a part of the voluntary project.

In addition to the families who occupied the acquired homes, the community also benefited from the buyout. A major component of HMGP is that ownership of the acquired land reverts to the city with a deed restriction stating it must remain open space.

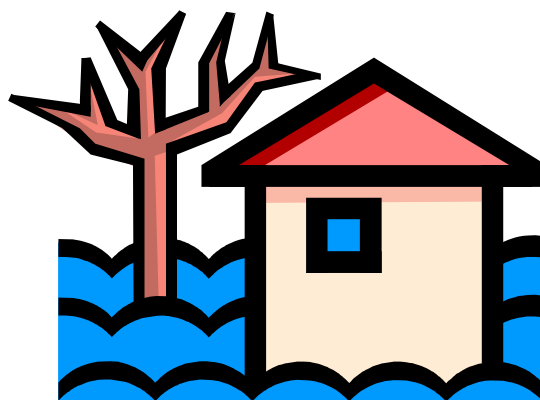
The city used the land, demonstrating a conscientious approach to floodplain management, by incorporating it into Rusk Park. The 20-acre recreational park, featuring footpaths, baseball diamonds, and tennis courts, will be expanded by two acres as a result of this project. When Thread Creek floods in the future, there is no maintenance required for the park. Costs to the city and the risk to homeowners have been greatly reduced.

When asked if he would pursue this type of project again, Byrne said, "It just depends on the number of times homeowners go through this before action is taken to get them out of harm's way."

The key to involving the community in this type of project, according to Byrne, "is having a casual meeting and getting everyone on the same page." Informing the residents about the available options is imperative.

Mitigation projects are a joint effort on local, state and federal levels. This project demonstrates how efforts on each level can contribute to fewer damages and lower risk. By being part of this project, the city no longer has to sandbag and call out public works crews to clean up the damage. Instead, the city has a larger park, a smaller risk of flooding and happier residents.

On March 1, 2003, FEMA became part of the U.S. Department of Homeland Security. FEMA's continuing mission within the new department is to lead the effort to prepare the nation for all hazards and effectively manage federal response and recovery efforts following any national incident. FEMA also initiates proactive mitigation activities, trains first responders, and manages the National Flood Insurance Program and the U.S. Fire Administration.



News from the Local Programs

800 mHz Success Story

Lt. Mike Tilley, 7th District Coordinator

The 7th District had an event in 2004 where 800 mHz MPSCS radios proved to be valuable backup.



On Thursday, April 10, 2004, an excavator in Montmorency County severed a large fiber-optic cable that resulted in total loss of all phones, 911 communications and even Cell phones in Alpena, Presque Isle and Alcona counties. This blackout occurred from about 7p.m. until 1:30 a.m. when it was repaired.

The serious overview was that any citizen in three counties needing police, fire or an ambulance had virtually no method of contacting help. County emergency management programs and 911 centers reacted by opening all local fire halls and other methods to keep in touch with public needs.

EMD and St. Clair County Implement E Team CIMS

Dan Sibo, Manager, Technical & Operations Section

The MSP Emergency Management Division and St. Clair County Emergency Management have partnered to establish the first regional server for the state's new Critical Incident Management System (CIMS).

The CIMS utilizes a software application called "E Team" which allows for real-time sharing of information by emergency response personnel. The E Team software also allows the state and local personnel to use integrated GIS mapping software to locate specific affected areas.

The state began pilot testing the software in early 2003 in the State Emergency Operations Center. By using an electronic, information management system the state is seeking to provide more effective response and recovery from emergencies or disasters by linking all of the emergency response centers and field personnel. The first real test of the software occurred during the August 2003 Power Outage when the software was used extensively in State's Emergency Operations Center and by several state agencies.

Following the outage, the decision was made to proceed with the purchase of an Enterprise License to allow for deployment of the CIMS to the Executive Office,

Local Emergency Management Coordinators (EMC) were unable to phone or page me, the MSP EMD 7th District Coordinator, at home for notification of this situation. One EMC did contact the EMC in an unaffected county by local fire radio, who phoned me at home. We had the local EM programs go on Michigan's 800 mHz system, using Statewide 7 talk group. I was able then to clearly talk to those counties, including the dispatch centers, using my hand-held 800 mHz portable from home, over a hundred miles away. No State assistance was requested, but this 800 mHz system allowed me to get updates and communicate with locals until this was repaired at 1:30 a.m.

I am proposing to my local Emergency Managers, that we create a local policy/procedure that should a communications blackout like this again happen, we automatically by default go to and monitor 800 mHz statewide 7 talk group to create instant communications between EM programs. During 2003, EMD provided one 800 mHz radio to each EM program, and most have bought additional radios with grant funding which all have Statewide talk groups.

all 20 state agencies, over 110 local emergency management programs, numerous local police, fire, emergency medical technicians, medical facilities, other emergency responders, and critical infrastructures within Michigan. Because E Team is a web-based application, users can access the system regardless of their location. E Team enables the State to easily share disaster response and recovery information in real time with affected response organizations, federal agencies, neighboring states, the Province of Ontario, or appropriate non-governmental response and recovery organizations such as the American Red Cross.

The state is seeking to provide more effective response and recovery from emergencies or disasters by linking all of the emergency response centers and field personnel.

EMD is currently working with St. Clair County to set up user groups within the County, provide training to users and begin to push the application out to other emergency management programs in the region.

Additional regional servers will be established around the state in the coming months. If you have any questions, please email Dan Sibo at sibod@michigan.gov

Michigan 2004 Summit

More Than 500 Attend Summit Conference

The Emergency Management Division and Michigan Emergency Management Association jointly hosted the 2004 Summit on Oct 11-14 near Traverse City. More than 550 people attended, hearing speakers from around the country provide valuable training and updates in the broad field of emergency management.

General session topics included "The Expanded Role of Today's PIO" and "Communicate Like a Pro." Workshops dealt with topics such as the E Team Critical Incident Management System, the Universal Incident Command System, Hazmat Evacuation, Simplifying Grant Management, and Critical Infrastructure Protection.



Inaugural Hazmat Challenge Proves a Big Success; Muskegon Team Claims Top Honors

Muskegon County Hazmat Team was the winner of the inaugural Hazardous Materials Team Challenge, held Oct. 11 near Traverse City prior to the 2004 Summit Conference.

Nine teams participated in the international competition, which took place at the Grand Traverse Resort in Acme. Developed to address the refresher requirements of hazardous materials technicians, this hands-on competition had 10 stations the four member teams had to work through. Five stations were stand-alone, which included: CAMEO Suite; Air Sampling; Chlorine Kits A, B & C; Leak Monster; and Ground Field Set-up.

The final five stations which included team activities were run as an obstacle course and included: Level C Dress-out; Identify the Unknown Liquid; Bridge Building; Plug-Patch-Overpack; and Dry Decontamination.

The Muskegon Hazmat Team won the contest with the most points for "effectiveness" and the second best time for "Efficiency." The team took home the grand prize, an air sampling set donated by Argus Supply. The grand prize also included a tuition certificate from the Transportation Testing Center in Pueblo, Colo., for an open enrollment course at the Emergency Response Training Center. Team members also received

medals and will retain the Hazmat Cup for one year and must return next year to compete again, to retain the trophy.

Washtenaw County Hazmat Team took second place and received a Fast Act System from Safety First. Medals were presented to team members.

The third place finisher was the Windsor, Ontario Fire Department Hazmat Team. Team members received medals and nine Tyvek Hoods and air tubes for a Powered Air Purifying Respirator from 3M.

This event was based upon the final day of the Advanced Technician program delivered at the Hazardous Materials Training Center (HMTc) bi-monthly in Lansing. The Hazmat Challenge involved 36 participants and approximately 25 support staff which included the HMTc adjunct faculty and the 51st Civil Support Team.

Lt. Mike Tilley and Chief Steven Lague (North Muskegon F.D.) stepped up and participated with the Western Wayne Hazmat Team when they reported shorthanded. Lieutenant Tilley and Chief Lague have attended the Hazmat Technician program at the Hazmat Training Center and performed well, according to the western Wayne team members.

The evaluations indicated that this event was well-received, and many look forward to participating again next year.



Participants in the Hazmat Challenge work on the bridge building station of the obstacle course. The exercise requires team members to engage in critical thinking and problem solving. It is intended to help them function in an assigned role within the incident command system.

Berrien County's Michael Bradley named Professional Emergency Manager of the Year

The Michigan State Police, Emergency Management Division (EMD) has named Berrien County Emergency Management Director Michael Bradley the 2004 Professional Emergency Manager of the Year.

Bradley, a lieutenant in the Berrien County Sheriff's Department, has held the position of emergency management coordinator for four years. Lieutenant Bradley, a life-long resident of Berrien County, is also a second vice-president of the Michigan Emergency Management Association (MEMA) and serves as vice-chairman of the Berrien County chapter of the American Red Cross.

Although he has already received most of the awards given by MEMA, Bradley does not rest on his laurels. He has developed ongoing programs including a local disaster committee and countywide paging system, a Disaster Planning Program, and a monthly Emergency Management Informational Byline for local media. Bradley is also in the beginning stages of developing a Community Emergency Response Team.

"Michael Bradley is a role model for local emergency management directors," said Capt. John Ort, Deputy State Director of Homeland Security and Emergency Management. "He has effectively managed a variety of emergencies ranging from civil unrest to severe damaging storms this past summer. Further, Berrien County lies within the emergency protection zone of the D.C. Cook and Palisades nuclear power plants which add to the complexity of his responsibilities. I congratulate Lieutenant Bradley and his staff for their professional excellence in service to the citizens of Berrien County."

Each year the EMD honors one professional emergency manager who has contributed distinguished service to the profession.

Criteria include advancement of the emergency management profession, development of innovative planning and operations strategies, outstanding application of emergency management techniques

or principles, overcoming obstacles to implement a new emergency management program; and implementation of practical solutions.



Lt. Mike Bradley of the Berrien County Sheriff's Department is awarded the PEM of the Year Award by Gregory Kirt of the Michigan State Police Emergency Management Division.

2005 Homeland Security Conference Planned in May

The Michigan State Police Emergency Management Division will once again host a statewide Homeland Security Conference, slated for May 4-6, 2005. A site has not yet been confirmed. Many great speakers from across the nation have been secured to address the attendees such as George Tenet, former CIA Director; Dr. Gregory Poland of the Mayo Clinic College of Medicine; and Dr. David Kay, former Chief U.N. Weapons Inspector. Please watch our website for further details and registration information.



The Emergency Management Division would like to congratulate Lt. Mike Tilley on being selected 2004 MSP-EMD District Coordinator of the Year, seen above with MEMA President Grace Ranger.



2004 MEMA Awards Banquet

Scholarship Award - Charles Hillen, Kent CO
 Volunteer > 50,000 - Ross Myers, Wayne CO
 Volunteer < 50,000 - Chris Goode, Osceola CO
 MSP EMD District Coordinator of the Year - Lt. Mike Tilley, 7th District
 Recovery 2004 - Teresa Schwalbach, Marquette CO
 Preparedness 2004 - James Sanderson, Shiawassee CO
 Response 2004 - Louis Mioduszewski, Macomb CO
 Mitigation 2004 - Roger Garner, Midland CO
 Coordinator 2004 < 50,000 - Jack Messer, Charlevoix/Cheboygan COs
 Coordinator 2004 > 50,000 - Patrick Finn, Tuscola CO
 President's Award - Susan Barthels

EMD wins Recognition Award for E Team Information Management System (Cont. from Page 1)

During the power blackout that affected a large portion of the northeast United States in August 2003, E Team proved invaluable and was used extensively by state agencies within the SEOC. The Michigan Department of Information Technology used the E Team CIMS to display information generated by the SEOC and other state agencies in its Emergency Coordination Center (ECC) during the blackout – proving the system's value for internal communications. This provided tremendous operational benefit and greatly improved service to statewide stakeholders involved in the recovery process. The state is working to bring cities, townships, and county level governments onto the E Team CIMS to improve coordination and delivery of emergency response statewide.



THE STATE OF MICHIGAN E TEAM IMPLEMENTATION TEAM

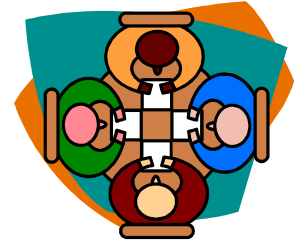
Front row, from left, Carol Myrick (DIT), Jaclyn Barcroft (EMD), Nancy Hittepole (SAIC), Director Teri Takai (DIT), Rich Law (EMD). Back, from left, Capt. John Ort (EMD), Dan Lohrmann (DIT), Eric Nischan (EMD), Tom Newell (EMD), and Dan Sibo (EMD).



Michigan Hazard Mitigation Plan

Doran Duckworth, State Planning Unit Manager

On December 16, 2004, the completed Michigan Hazard Mitigation Plan (MHMP) was submitted to FEMA for review and certification under the federal Disaster Mitigation Act (DMA) of 2000. The plan was formally adopted by the Michigan Hazard Mitigation Coordinating Council (MHMCC) on October 19, 2004, and the State of Michigan on December 15, 2004, in accordance with the federal DMA 2000 requirements. This plan represents the culmination of many months of intense work by the EMD/MSP State Planning Unit, the MHMCC, and numerous other state agencies and organizations as part of a statewide planning team. At 1,357 pages in length, the plan and its two accompanying support documents (EMD/MSP Publications 103 and 207a) are very thorough and comprehensive in addressing the 12 natural hazards prescribed in the federal mitigation planning guidance.



Key features of the MHMP include:

- A detailed risk assessment section that provides natural hazard loss estimations for 503 state owned/operated critical facilities and the 4.2+ million residential structures in Michigan's 83 counties. (Note: Commercial structures will be addressed in the next plan revision.)
- A greatly expanded capability assessment section that addresses both natural and technological hazards.
- Detailed hazard maps for all 83 Michigan counties. (Note: Due to security concerns, the maps and accompanying text have been suppressed from all public copies of the plan.)
- An updated version of the guidance document EMD-PUB 207a – "Funding Sources for Hazard Mitigation" as an attachment to the plan.
- An updated and re-prioritized goals and objectives section that proposes a wide array of specific mitigation actions designed to address the hazard vulnerabilities identified in the risk assessment and capability assessment sections.

FEMA's review of the MHMP is expected to take up to three months to complete. FEMA must approve and certify the plan in order for the State of Michigan to remain eligible for federal hazard mitigation and non-emergency public assistance funding provided under the Stafford Act.

Once certified by FEMA, copies of the MHMP will be made available to local and state emergency managers and other interested parties. (However, all data, text and maps that address vulnerabilities to specific facilities will be suppressed. That information will be available for review at the EMD/MSP by authorized emergency management officials only.)

Changes and Additions to 2005 Training Catalog

The Training Section has announced the following course additions and changes to the training catalog:

ADDITIONS:

- ✓ January 12, 2005 - **Emergency Management Program Orientation (EMPO)** – This one-day course will acquaint EM coordinators and others entering the emergency management field with the programs, processes, initiatives and staff of the Emergency Management Division. Location: Collins Road Facility.
- ✓ Sept 20-21, 2005 - **Basic Public Information Officers Course** – A two-day course intended for new or less experienced Public Information Officers. Emphasis is paid to crisis information management and the skills needed in disasters. Location: Houghton, Houghton County, Michigan (Upper Peninsula).

CHANGES:

- ✓ Sept. 22, 2005 - **Damage Assessment Workshop** -- (Previous course date was Sept. 21.) See course catalog for description. Location: Houghton, Houghton County, Michigan (Upper Peninsula).

Courses are free and participants can register on the Web, by mail or fax.

MDCH Toxicologist Clarifies Definition of “CBRNE”

Erik Janus, a toxicologist with the Michigan Department of Community Health (MDCH), offers this clarification to the article “CBRNE: What Does the Acronym Mean and Why Should We Be Concerned” which appeared in the March 2004 issue of the Michigan Emergency Management News.

Asphyxiants represent one of the four major classifications of acute chemical emergencies found among the CBRNE agents. They are split into the “simple asphyxiants” (like nitrogen gas) and the “chemical asphyxiants” (like carbon monoxide, hydrogen sulfide, and cyanide compounds). The military designation “Blood Agents” essentially refers to cyanide- or arsenic-based chemical asphyxiants, more specifically, cyanogens chloride, hydrogen cyanide, and arsine. The cyanogens compounds are but one small subset of the classic military “Blood Agents” and even a smaller subset of chemical asphyxiants.

In summary, there are many other types of “Blood Agents” of which the emergency response community must be aware besides cyanogens compounds. MDCH has assembled a “Chemical Terrorism Unit” which offers professional and timely consultative services on the toxicology and environmental fate of chemical warfare agents, among other topics related to intentional and accidental chemical exposures. Reach the MDCH Chemical Terrorism Unit at 1-800-MI-TOXIC (1-800-648-6942).

SARA COMPLIANCE WORKSHOPS PLANNED IN NOVI, GRAND RAPIDS

A hazardous materials compliance workshop is planned for Jan. 18 at the Watermark Country Club in Grand Rapids, and Jan. 20 at the Hotel Baronette in Novi.

Two hazardous chemical inventory reports are required under Title III of the Superfund Amendments and Reauthorization Act of 1986 (“SARA Title III”), also known as the Emergency Planning and Community Right-to-Know Act. More than 6,000 Michigan facilities submit this report annually to the State Emergency Response Commission, local emergency planning committees and fire departments.

Under SARA Title III, nearly 3,000 facilities are subject to emergency planning notification and one or more of 26 regulations regarding chemical release reporting requirements. Workshop attendees will find out about the latest changes to the regulations and learn how to report and avoid costly penalties while protecting the first responder, the community, and the environment.

The half-day workshop is designed for owners, operators, and environmental and safety personnel of facilities with on-site hazardous materials. Participants will receive the “Michigan Facilities’ Guide to SARA Title III, Emergency Planning & Release Reporting.” Registration fee is \$50. For a brochure and online registration form, log onto www.michigan.gov/deqworkshops.

For more information, contact the Environmental Assistance Center, (800) 662-9278, e-mail deq-ead-env-assist@michigan.gov or contact Susan Parker at the DEQ, (517) 335-4650; parkerse@michigan.gov.

MSP EMD – RECENT PROMOTIONS AND NEW HIRES

**Denotes promotion*

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Leadership is a combination of strategy and character.

If you must be without one, be without the strategy.

- Gen. H. Norman Schwarzkopf

WINTER SAFETY TIPS

PREPARING FOR A WINTER STORM

At home:

- Keep handy a battery-powered flashlight, radio, extra food (canned or dried food is best) and bottled water.
- Make sure there are extra blankets and heavy clothes available.
- Be aware of potential fire and carbon monoxide hazards if you plan to use an emergency heating source such as a fireplace, wood stove or space heater.



In a vehicle:

- Have the following emergency supplies in your auto: shovel, blankets, windshield scraper, container of sand, battery booster cables, tow chain or rope, flashlight, battery-operated radio, first-aid kit and high energy snacks (e.g. nuts, raisins).

Outside:

- Avoid overexertion, such as shoveling heavy snow, pushing a car, or walking in deep snow. Sweating could lead to chill and hypothermia.
- Wear loose-fitting, lightweight warm clothing in layers. Wear wool hat and mittens.
- Keep your clothes dry. Change wet socks and clothing quickly to prevent loss of body heat.

DURING A WINTER STORM

At home:

- To save heat, close off unneeded rooms, cover windows at night and stuff towels or rags in cracks under doors.
- Maintain adequate food and water intake. Food provides the body with energy for producing its own heat.

If stranded in a vehicle:

- Attach a cloth to your antenna to attract attention and then remain in the vehicle.
- Run the motor about 10 minutes each hour for heat. However, open the window slightly for fresh air and make sure that the exhaust pipe isn't blocked.
- Get attention by turning on the dome light and emergency flashers when running the engine.
- Exercise by moving arms, legs, fingers and toes to keep blood circulating and to keep warm.



If stranded outside:

- Try to stay dry and cover all exposed parts of the body.
- Prepare a windbreak or snow cave for protection from the wind. Build a fire for heat and to attract attention.
- Do not eat snow. It will lower your body temperature. Melt it first.

ANYTIME

Listen for All-Hazards NOAA Weather Radio or local radio, television and cable stations for the latest updates on hazardous winter weather.

- To ensure a continuous flow of weather information, make sure the NOAA Weather Radio, or another radio or television has a battery back up.
- For All-Hazards NOAA Weather Radio information, including a station near you, see the NOAA Weather Radio page on the Internet at <http://www.nws.noaa.gov/nwr> or contact your National Weather Service office.

For more information on winter storms, see
<http://www.nws.noaa.gov/om/brochures/winterstorm.pdf>

Training Opportunities

The below listed EMD courses are free and participants can register on the Web, by mail or fax.

EMD Course	Date(s)	Openings	Location
Exercise Design	Jan. 5-7, 2005	Full	Lansing
EM Program Orientation*	Jan. 12, 2005	Open	Lansing
ICS/EOC Interface	Jan. 27, 2005	Open	Battle Creek
Exercise Control and Simulation	Feb. 2-3, 2005	Open	Lansing
Introduction to EM	Mar. 15-16, 2005	Open	Lansing

**This is a new addition to the training calendar*



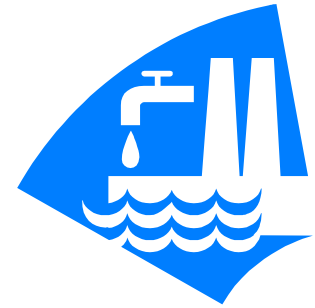
Enrollment is now being accepted for the following courses. Please contact the Michigan State Police, Hazardous Materials Training Center for further information at (517) 322-1190.

COURSE NAME	DATES	COST
CAMEO/MARPLOT/ALOHA	January 10-13	\$345
Air Monitoring for Hazmat	January 18-20	\$295
Hazardous Waste Operations Refresher	January 21	\$95
Chemistry of Hazmat I	January 24-26	\$345
Emergency Response Planning for Hazmat	Jan 31-Feb 1	\$195
Hazmat Branch & Branch Safety Officer	February 2-4	\$295
Hazmat Incident Response Operations EPA 165.5	February 7-11	\$495
Prevention & Response to Suicide Bombings	February 8	No Charge
Hospital Decon for CBRNE/WMD Incidents	February 15-16	\$230
Hospital Decon Train-the-Trainer	February 17	\$95
Hazmat Transportation Regulations	February 18	\$95
Chemistry of Hazmat II	February 23-25	\$245
CBRNE Defensive Operations	March 3-4	\$195
Unified Incident Command System	March 9-10	\$245
Hazardous Waste Operations Refresher	March 11	\$95
Emergency Response to Hazmat EPA 165.15	March 14-18	\$495
CBRNE/WMD Technician for Hazmat	March 21-23	\$325
State & Local Anti-Terrorism Training SLATT	March 24	\$50

Preparedness Guide Helps With Prevention, Detection and Response to Water Contamination

"Physician Preparedness for Acts of Water Terrorism," an online readiness guide, is available at www.WaterHealthConnection.org/bt.

The web site helps front-line responders address the public health and security challenges resulting from intentional acts of water terrorism. The readiness guide is geared toward emergency preparedness officials, as well as experts from the medical, public health and public utility fields.



Patricia L. Meinhardt, MD, prepared the guide to:

- Review the threat of water terrorism, including use of water as a vehicle for transmission of biological, chemical and radiological agents;
- Evaluate exposure histories as well as assess multiple exposure pathways and contaminant sources;
- List clinical resources that can assist with diagnosis, medical management, laboratory analysis, and prevention guidelines;
- Provide precautionary guidelines for susceptible populations at increased risk for morbidity and mortality from contaminated water;
- Help officials use epidemiologic clues and syndrome surveillance techniques to detect waterborne terrorism;
- Provide case reporting mechanisms and surveillance requirements for notification of suspected outbreaks or disease clusters resulting from a potential terrorist water contamination event; and
- Offer risk communication strategies and public education procedures for discussing health risks associated with intentional water contamination.

Ingham County LEPC Wins Award for Chemical Awareness Campaign



Herb Corey (left), Information Coordinator for Ingham County's Local Emergency Planning Committee (LEPC), and Leslie Fire Chief George Gilliland (right), accept a 2004 Community Award from Patrick Marantette, President of the Chemical Education Foundation. The award was given for the LEPC's community outreach campaign promoting chemical awareness through public service announcements, website, brochures and public meetings.

FREE DIRECTORY ON TOXIC SUBSTANCES AVAILABLE FROM DCH

The *Toxic Substances Information Directory* is a web-based resource offered by the Michigan Department of Community Health (MDCH). The directory is an easy-to-use, quick-reference document listing both Michigan and federal information sources on a variety of environmental and occupational health topics, such as hazardous waste, bloodborne diseases, air and water pollution, pesticides and carcinogens. Emergency planners and responders may be particularly interested in sections on chemical terrorism and chemical emergencies, and resources for chemical testing.

A live web link, brief description, and contact information is included for each resource listed. The directory is not meant to be comprehensive, but is intended to direct one to organizations and/or resources that may provide more information. The *Toxic Substances Information Directory* is posted on the MDCH website in PDF format at <http://www.michigan.gov/mdch-toxics>. Click on "Reports and Publications." For more information, questions, or comments, contact Shevon Desai at 517-335-8867.

Upcoming Events

Michigan Emergency Planning and Community Right-To-Know Commission (SERC) Meeting

January 11, 2005

Questions can be directed to Diane Laban, 517-333-2749,
laband@michigan.gov

Michigan Hazard Mitigation Coordinating Council Meetings on January 19; April 20, 2005

Questions can be directed to Karen Totzke, 517-336-2622,
totzkek@michigan.gov

Michigan Public Information Training Workshop **March 3, 2005**

Questions can be directed to Jackie Hampton, 517-333-5051
hamptonja@michigan.gov

2005 Michigan Homeland Security Training Conference **May 4-6, 2005**

Questions can be directed to Jackie Hampton, 517-333-5051,
hamptonja@michigan.gov

Visit the EMD website @ www.michigan.gov/emd

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